



RECEIVED

FEB 04 2002

Technology Center 2100

Sheet 1 of 2

FORM PTO-1449  
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney's Docket No.

20735-05504

Serial No.

09/981,588

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Eng Whatt Toh et al.

Filing Date

October 16, 2001

Group Art Unit

2131

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
NBP	A	4,625,076	11/25/86	Okamoto et al.	178	22.11	03/11/85
NBP	B	5,005,200	04/02/91	Fischer	380	30	03/07/89
NBP	C	5,018,196	05/21/91	Takaragi et al.	380	30	07/05/89
NBP	D	5,157,726	10/20/92	Merkle et al.	380	23	12/19/91
NBP	E	5,388,158	02/07/95	Berson	380	23	11/20/92
NBP	F	5,432,852	07/11/95	Leighton et al.	380	30	07/11/95
NBP	G	5,623,653	04/22/97	Matsuno et al.	<del>395</del>	<del>609</del>	07/25/94
NBP	H	5,689,567	11/18/97	Miyauchi	380	25	11/01/96
NBP	I	5,706,452	01/06/98	Ivanov	<del>395</del>	<del>331</del>	12/06/95
NBP	J	5,734,651	03/31/98	Blakeley et al.	370	392	05/29/96
NBP	K	5,767,847	06/16/98	Mori et al.	345	329	09/21/95
NBP	L	5,825,865	10/12/98	Oberlander et al.	379	211	10/04/91
NBP	M	5,848,248	12/08/98	Kawasaki et al.	<del>395</del>	<del>200-68</del>	11/25/97
NBP	N	5,872,848	02/16/99	Romney et al.	380	25	02/18/97
NBP	O	5,878,398	03/02/99	Tokuda et al.	705	8	03/20/96
NBP	P	5,898,156	04/27/99	Wilfong	235	380	08/29/96
NBP	Q	5,912,974	06/15/99	Holloway et al.	380	51	04/30/97
NBP	R	5,915,024	06/22/99	Kitaori et al.	380	25	06/17/97

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
NBP	S	EP0840478A2	06/05/98	EPO	H04L	9/32	N/A	
NBP	T	EP0915436A1	05/12/99	EPO	G07D	9/00	N/A	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	
----------	--	-----------------	--

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Serial No. 09/981.588

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

**Applicant**

Eng Whatt Toh et al.

**Filing Date**  
**October 16, 2001**

Group Art Unit  
2131

## U.S. PATENT DOCUMENTS

RECEIVED  
FEB 04 2002  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

**EXAMINER**

DATE CONSIDERED

4/25/05

**EXAMINER:** Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

**Include copy of this form with next communication to applicant.**

PTO-1449  
REV: 02/01

20735/05504/DOCS/1237563.1





Sheet 1 of 4

FORM PTO-1449 (REV. 6-89) <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	Attorney's Docket No. 20735-05504	Serial No. 09/981,588
	Applicant Eng-Whatt Toh, et al.		
	Filing Date 10/16/01	Group Art Unit 2131	

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
NBP	A	4,713,780	12/15/87	Schultz et al.	364	514	
NBP	B	4,754,428	6/28/88	Schultz et al.	364	900	
NBP	C	4,816,655	3/28/89	Musyck et al.	235	380	
NBP	D	4,868,877	9/19/89	Fischer	380	25	
NBP	E	5,157,726	10/20/92	Merkle et al.	380	23	
NBP	F	5,210,869	5/11/93	Williams	395	600	
NBP	G	5,241,599	8/31/93	Bellovin et al.	380	21	
NBP	H	5,261,002	11/9/93	Perlman et al.	380	30	
NBP	I	5,283,887	2/1/94	Zachery	395	500	
NBP	J	5,293,250	3/8/94	Okumura et al.	358	402	
NBP	K	5,315,635	5/24/94	Kane et al.	379	57	
NBP	L	5,396,537	3/7/95	Schwendeman	379	57	
NBP	M	5,398,285	3/14/95	Borgelt et al.	380	30	
NBP	N	5,424,724	6/13/95	Williams et al.	340	825.05	
NBP	O	5,432,785	6/11/95	Ahmed et al.	370	60.1	

**FOREIGN PATENT DOCUMENTS**

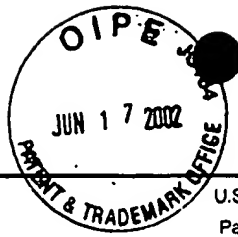
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)****RECEIVED**

JUN 19 2002

Technology Center 2100

EXAMINER NBP	DATE CONSIDERED 6/7/05
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



Sheet 2 of 4

<b>FORM PTO-1449</b> (REV. 6-89)  <b>INFORMATION DISCLOSURE CITATION</b>  (Use several sheets if necessary)	<b>U.S. DEPARTMENT OF COMMERCE</b> Patent and Trademark Office	<b>Attorney's Docket No.</b> 20735-05504	<b>Serial No.</b> 09/981,588
	<b>Applicant</b> Eng-Whatt Toh, et al.		
	<b>Filing Date</b> 10/16/01	<b>Group Art Unit</b> 2131	

**U.S. PATENT DOCUMENTS**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
NBP	P	5,436,972	7/25/95	Fischer	380	25	
NBP	Q	5,544,152	8/6/96	Obermanns et al.	370	16	
NBP	R	5,557,346	9/17/96	Lipner et al.	380	21	
NBP	S	5,557,765	9/17/96	Lipner et al.	380	21	
NBP	T	5,581,615	12/3/96	Stern	380	25	
NBP	U	5,633,929	5/27/97	Kaliski, Jr.	380	23	
NBP	V	5,638,446	6/10/97	Rubin	380	25	
NBP	W	5,671,285	9/23/97	Newman	380	30	
NBP	X	5,689,565	11/18/97	Spies et al.	380	25	
NBP	Y	5,734,651	3/31/98	Blakeley et al.	370	392	
NBP	Z	5,745,573	4/28/98	Lipner et al.	380	21	
NBP	AA	5,751,813	5/12/98	Dorenbos	380	49	
NBP	BB	5,751,814	5/12/98	Kafri	380	49	
NBP	CC	5,764,918	6/9/98	Poulter	395	200.66	
NBP	DD	5,768,271	6/16/98	Seid et al.	370	389	

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER N. P. [Signature] DATE CONSIDERED 4/25/05EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.



Sheet 3 of 4

FORM PTO-1449  
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney's Docket No.

20735-05504

Serial No.

09/981,588

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Eng-Whatt Toh, et al.

Filing Date

10/16/01

Group Art Unit

2131

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
NBP	EE	5,790,790	8/4/98	Smith et al.	395	200.36	
NBP	FF	5,799,086	8/25/98	Sudia	380	23	
NBP	GG	5,802,286	9/1/98	Dere et al.	395	200.5	
NBP	HH	5,812,669	9/22/98	Jenkins	380	25	
NBP	II	5,832,218	11/3/98	Gibbs et al.	395	200.33	
NBP	JJ	5,841,865	11/24/98	Sudia	380	21	
NBP	KK	5,845,074	12/1/98	Kobata	395	200.49	
NBP	LL	5,850,519	12/15/98	Vazana	395	200.36	
NBP	MM	5,850,451	12/15/98	Sudia	380	49	
NBP	NN	5,864,667	1/26/99	Barkan	395	187.04	
NBP	OO	5,956,406	9/21/99	Maldy	380	30	
NBP	PP	6,009,173	12/28/99	Sumner	380	21	
NBP	QQ	6,055,575	4/25/00	Paulsen et al.	709	229	
NBP	RR	6,061,448	5/9/00	Smith et al.	380	21	
NBP	SS	6,079,020	6/20/00	Liu	713	201	

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

N. B. Carr

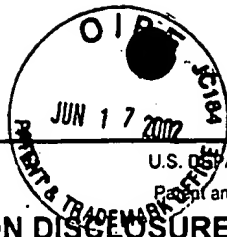
DATE CONSIDERED

4/25/05

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.  
Include copy of this form with next communication to applicant.

PTO-1449

20735/05504/DOCS/1274656.1



Sheet 4 of 4

FORM PTO-1449  
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Attorney's Docket No.

20735-05504

Serial No.

09/981,588

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Eng-Whatt Toh, et al.

Filing Date

10/16/01

Group Art Unit

2131

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
NBP	TT	6,092,113	7/18/00	Maeshima et al.	709	230	
NBP	UU	6,092,200	7/18/00	Muniyappa et al.	713	201	
NBP	VV	6,119,137	9/12/00	Smith et al.	707	523	
NBP	WW	6,173,399	1/9/01	Gilbrech	713	153	
NBP	XX	6,226,748	5/1/01	Bots et al.	713	201	

RECEIVED  
JUN 19 2002  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
NBP	YY	WO98/57464	17.12.98	PCT				
NBP	ZZ	WO/9857465	17.12.98	PCT				
NBP	AAA	WO99/00958	07.01.99	PCT				
NBP	BBB	EP869652A2	07.10.98	Europe				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NBP	CCC	Ellison, Carl, Schneier, Bruce, "Ten Risks of PKI: What You're not Being Told about Public Key Infrastructure", Computer Security Journal, Vol. XVI, No. 1 (2000), pages 1-7.
NBP	DDD	Introduction to SSL [online]. Netscape Communications Corporation (Last updated 10/09/98) [retrieved on 10/24/2000]. Copyright 1998. Retrieved from the Internet <URL: <a href="http://developer.netscape.com/docs/manuals/security/sslin/contents.htm">http://developer.netscape.com/docs/manuals/security/sslin/contents.htm</a> . Pages 1-11.
NBP	EEE	Introduction to Public-Key Cryptography [online]. Netscape Communications Corporation [retrieved on 10/24/2000]. Retrieved from the Internet <URL: <a href="http://developer.netscape.com/docs/manuals/security/pkin/contents.htm">http://developer.netscape.com/docs/manuals/security/pkin/contents.htm</a> . Pages 1-19.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

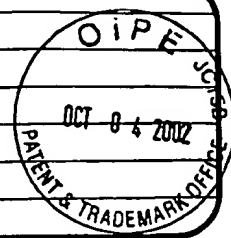
PTO-1449  
REV: 02/01

20735/05504/DOCS/1274656.1





Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b> Application No. 09/981,588 Filing Date October 16, 2001 First Named Inventor Eng-Whatt Toh Art Unit 2132 Examiner Name Gilberto Barron Jr. Attorney Docket Number 20735-05504	
Sheet	1	of	1		



U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document No. Number - Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
NBP	1	US-6,064,878 A	05-16-2000	Denker et al.
NBP	2	US-6,035,104 A	03-07-2000	Zahariev
NBP	3	US-5,812,671 A	09-22-1998	Ross, Jr.
NBP	4	US-5,642,420 A	06-24-1997	Kuroda et al.
		US-		
		US-		
		US-		
		US-		
		US-		
		US-		

RECEIVED

OCT 08 2002

Technology Center 2100

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
NBP	5	WO 98 58332 A1	12-23-1998	Telefonaktiebolaget LM Ericsson
NBP	6	WO 97 41661 A2/A3	11-06-1997	Motorola Inc.

OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>6</sup>
NBP	7	Herfert, M., "Security-Enhanced Mailing Lists" <u>IEEE Network</u> , IEEE Inc., New York, US, Vol. 11, No. 3, May 1, 1997, pages 30-33.	

Examiner Signature <i>N. Barron</i>	Date Considered 6/25/05
--	----------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

20735/05504/DOCS/1298987.1